



FINAL

# Operational Range Assessment Program Phase I Qualitative Assessment Report Training Site Camp Luna, New Mexico

U.S. Army Operational Range Assessment Program  
Qualitative Operational Range Assessments

Prepared for:

U.S. Army Environmental Command and  
U.S. Army Corps of Engineers Baltimore District



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## ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
ARNG	Army National Guard
CSM	Conceptual Site Model
DoD	Department of Defense
MCOC	Munitions Constituents of Concern
NMARNG	New Mexico Army National Guard
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers
°F	Degrees Fahrenheit

## EXECUTIVE SUMMARY

The United States (U.S.) Army is conducting qualitative assessments at operational ranges to meet the requirements of Department of Defense policy and to support the U.S. Army Sustainable Range Program. The operational range qualitative assessment (hereinafter referred to as Phase I Assessment) is the first phase of the U.S. Army Operational Range Assessment Program. This Phase I Assessment evaluates the operational range area at Training Site Camp Luna to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCOC) are or could be migrating off-range at levels that may pose an unacceptable risk to human health or the environment. In conducting the Phase I Assessment, MCOC sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

Training Site Camp Luna encompasses approximately 764 acres in Sam Miguel County, New Mexico. The facility is located approximately two miles northwest of the city of Las Vegas. According to the Army Range Inventory Database-Geodatabase (2007), one maneuver training range is present on the facility. The maneuver training range encompasses approximately 112 acres. The remaining 652 acres are considered other than operational range area.

A review of available records and background data, as well as an interview with installation personnel, indicated that the range at Training Site Camp Luna has never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at Training Site Camp Luna is limited to small unit operations and field training exercises. Because training activities do not involve, and historically have not involved, the use of military munitions, there are no potential sources of MCOC. Therefore, potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the range at Training Site Camp Luna is categorized as Unlikely.

Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

**Table ES-1: Summary of Findings and Conclusions for Training Site Camp Luna**

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	1 operational range; 112 acres	No source—no current or historical use of live-fire military munitions	Not evaluated (no source identified)		Re-evaluate during the five-year review.